

-6-

CLAIMS:

1. A composition comprising sterile bovine colostrum that has been highly filtered.
- 5 2. The composition of claim 1 provided in injectable form.
3. The composition of claim 2 provided in a syringe.
4. The composition of claim 2 further comprising a carrier suitable for injection.
- 10 5. A method of preparing sterile highly filtered colostrum comprising the steps of
filtering colostrum to remove large components while retaining antibodies,
and
sterilizing the colostrum.
- 15 6. The method of claim 5 wherein the sterilizing step is performed by gamma irradiating the sample.
7. The method of claim 5 wherein the filtering step is performed by filtering the colostrum through a series of filters.
8. The method of claim 7 wherein the series of filters comprises a 10
20 micron filter, a 5 micron filter, and a 3 micron filter.
9. A method for providing an animal protection from disease comprising the step of
injecting animal with a dose of colostrum.
- 25 10. The method of claim 9 wherein the colostrum is sterilized.
11. The method of claim 9 or claim 10 wherein the colostrum is highly filtered.
12. The method of claim 9 wherein the animal is a warm-blooded mammal.
- 30 13. The method of claim 12 wherein the warm-blooded mammal is a bovine.
14. The method of claim 13 wherein the bovine is a calf.

-7-

15. The method of claim 12 wherein the warm-blooded mammal is a juvenile.

16. The method of claim 12 wherein the colostrum is obtained from an animal of the same species as the warm-blooded mammal.

5 17. The method of claim 9 further comprising the step of injecting the animal with a second dose of colostrum at a subsequent date.